Subject: Re: Calculation of mean/median values in box &whisker plots.
Posted by nbehrnd on Sun, 25 Aug 2019 18:13:15 GMT
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Hi Thomas, Hi Tim,

in my observation, all four statistical values provided in the whisker plot do change by setting manually the cell entry of molecular mass to the string of "N/A" (without the quotation marks). Processing the data a twice allows me to retrieve the changes in the whisker plot and its statistical data, too. Here I share my approach to the task with DW (Linux version 5.0.0) with the test file alkanes_complete.dwar above:

Reading the file as-such which contains 10 complete entries:

Accessing the cell value for methane, "16.0428" is replaced by "=N/A". As expected, DW will indicate this as a non-valid entry. Of course, no whisker plot is provided now. But the dot is still present in the plot.

Next step, replacing "=N/A" by "N/A". DW accepting this now provides a Box whisker plot. The dot without associated value is sorted out, the statistical data are updated.

Two additional observations:

If "N/A" is entered for the first time, the line vanishes completely, hence shortening the list of 10 alkanes to 9 alkanes. This removal may affect other columns than the column currently worked on, too. This contradicts the aim to preserve the complete line which only has no entry for this very cell.

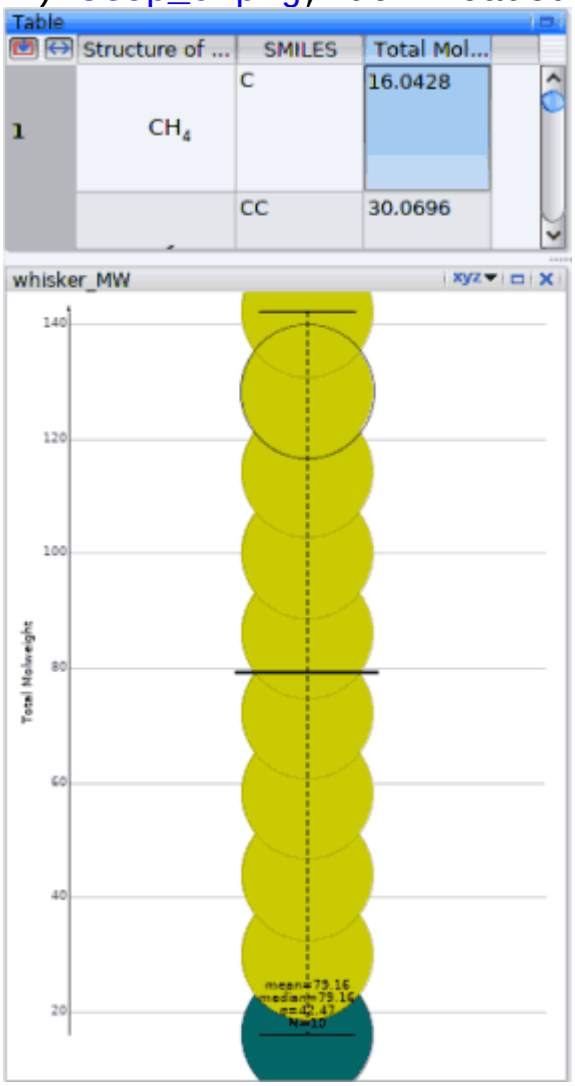
Say, there is a second entry with no value available. Then, a direct input of "N/A" via DW's edit cell function is possible without danger to loose the complete line. E.g., direct access to

Again for documentation, the file used here is attached below. Maybe there is a better way -- if so, I'm curious to learn it.

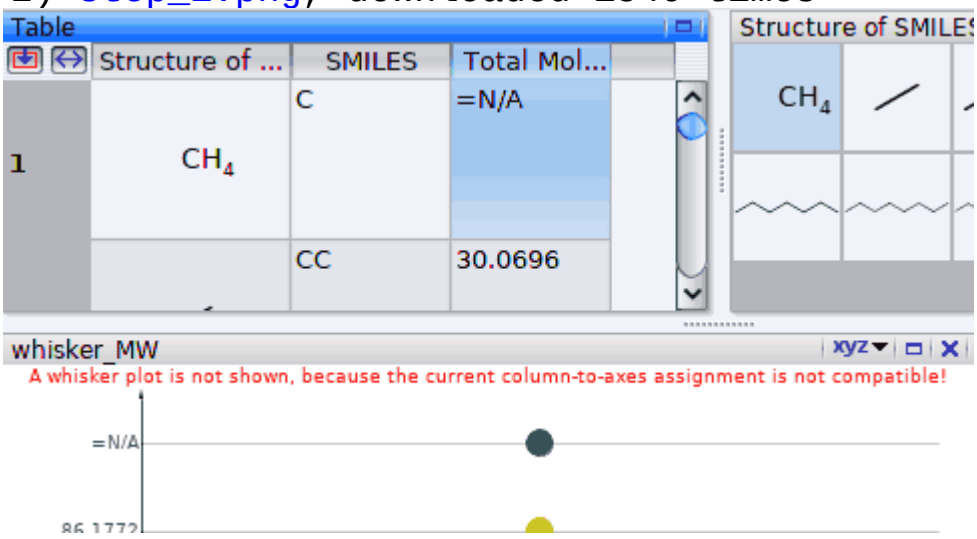
Norwid

File Attachments

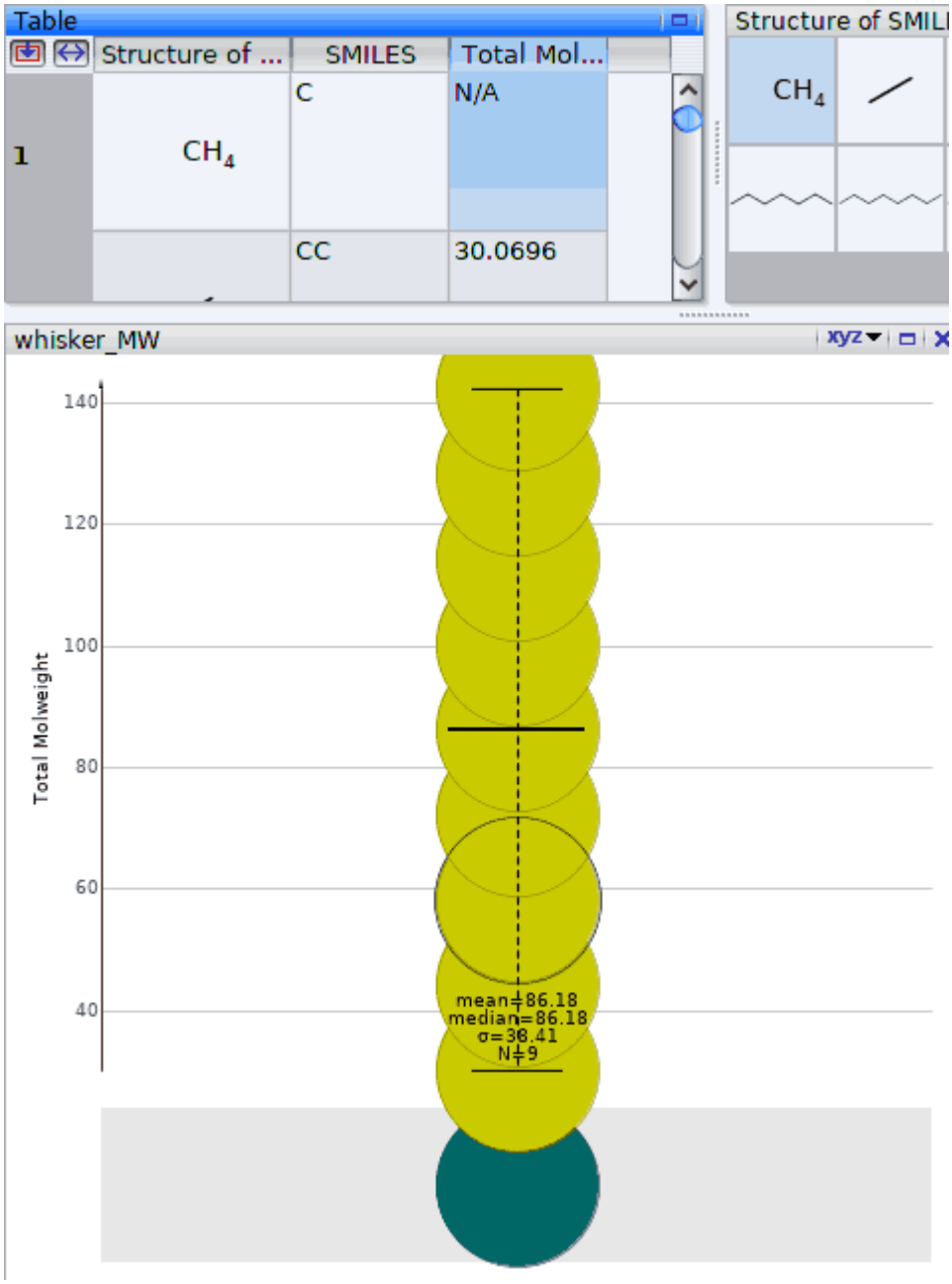
1) step_0.png, downloaded 1568 times



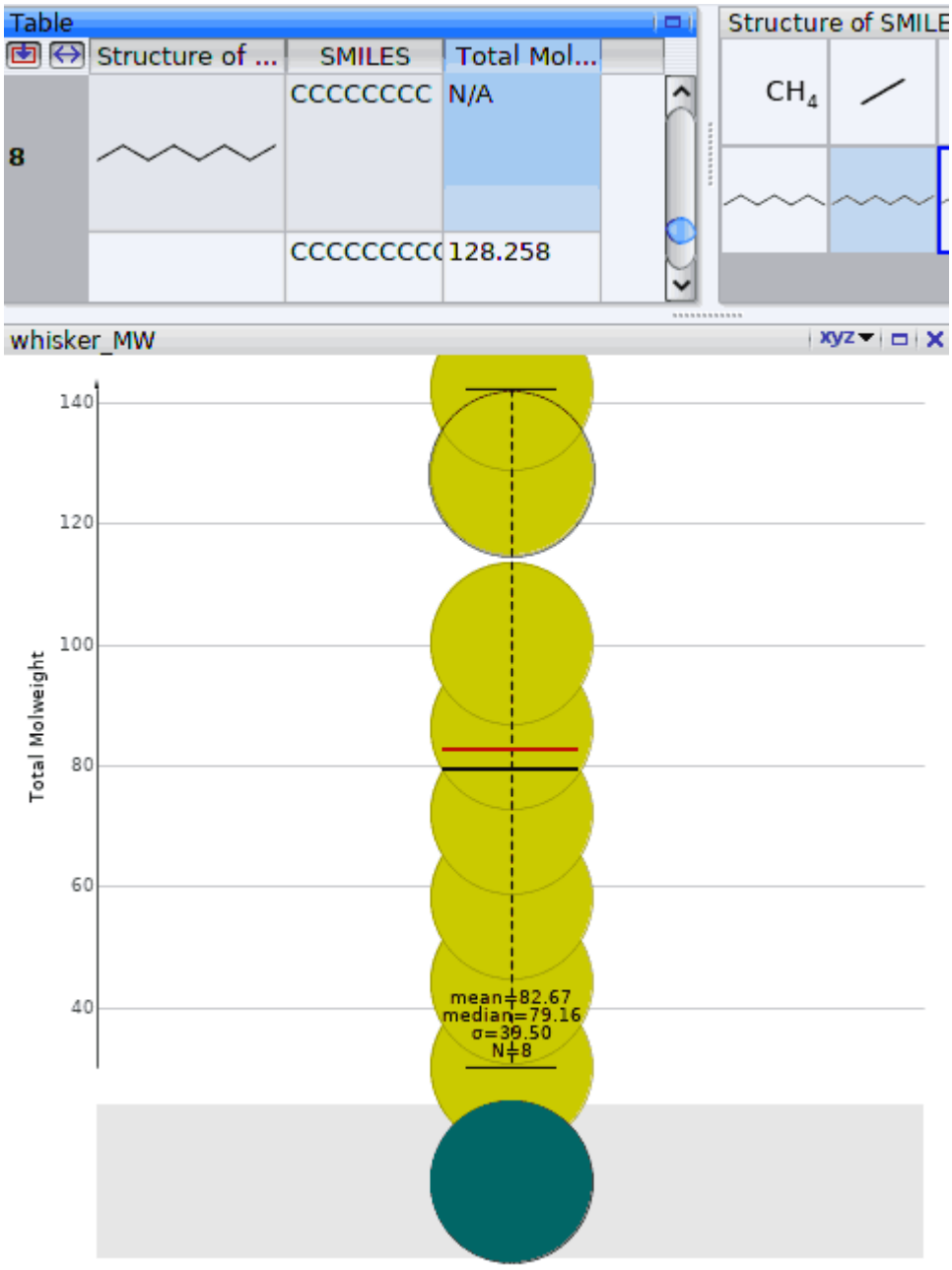
2) step_1.png, downloaded 1540 times



3) step_2.png, downloaded 1427 times



4) step_3.png, downloaded 1497 times



5) test_file.dwar, downloaded 762 times